

CLAIM AMENDMENTS:

Claims 1-26 (Cancelled)

Claim 27 (New):

A male fastener, comprising:

- a) a shaft that includes an axis, a first end, and a second end;
- b) the shaft provided with a first threaded surface and a second threaded surface;
- c) the first threaded surface includes a trilobular cross-sectional shape and a plurality of threads, including a first locking thread and a first curved thread;
- d) the second threaded surface includes a trilobular cross-sectional shape and a plurality of threads, including a second locking thread and a second curved thread;
- e) the first curved thread extends from the first end of the shaft;
- f) the second curved thread extends from the second end of the shaft;
- g) the first locking thread is located adjacent to the first curved thread and configured to structurally reform threads of a first mating member; and
- h) the second locking thread is located adjacent to the second curved thread and configured to structurally reform threads of a second mating member.

Claim 28 (New):

A male fastener according to claim 27, wherein at least one of the locking threads is provided with a root surface that is angled relative to the axis of the shaft.

Claim 29 (New):

A male fastener according to claim 27, wherein at least one of the locking threads is provided with a root surface that is at an angle between four and eight degrees relative to the axis of the shaft.

Claim 30 (New):

A male fastener according to claim 27, wherein at least one of the curved threads is located between a Vee shaped thread and the second end of the male fastener.

Claim 31 (New):

A male fastener according to claim 27, wherein at least one of the curved threads includes a curved surface located between a first side and a second side.

Claim 32 (New):

A male fastener according to claim 27, wherein at least one of the curved threads includes a curved surface located between a first side that is curved and a second side that is curved.

Claim 33 (New):

A male fastener according to claim 27, wherein at least one of the locking threads is provided with a root surface that is at an angle between four and six degrees relative to the axis of the shaft.

Claim 34 (New):

A male fastener according to claim 27, further comprising a conical surface that is provided on the male fastener.

Claim 35 (New):

A male fastener according to claim 27, further comprising a conical surface and cylindrical surface that are provided on the male fastener.

Claim 36 (New):

A male fastener according to claim 27, wherein at least one of the locking threads is provided with a root surface that is at an angle between six and eight degrees relative to the axis of the shaft.

Claim 37 (New):

A male fastener according to claim 27, wherein:

- a) at least one of the mating members is a nut body rotatable about the axis of the shaft that includes:
 - i) an annular surface on the nut body provided with a plurality of inclined faces oriented circumferentially forming portions of an undulating annular surface; and
 - ii) a washer body rotatable relative to the nut body and provided with a bearing surface and a clamping surface, wherein the clamping surface includes a plurality of protrusions and the bearing surface is axially opposed to the annular surface on the nut body and provided with a plurality of inclined faces oriented circumferentially and forming portions of an undulating bearing surface.

Claim 38 (New):

A male fastener, comprising:

- a) a shaft that includes an axis, a first end, and a second end;
- b) the shaft includes a first threaded surface and a second threaded surface;
- c) the first threaded surface is provided with a cross-sectional shape that is trilobular and includes a first locking thread and a first lead thread including means for guiding a first female member;
- d) the second threaded surface is provided with a cross-sectional shape that is trilobular and includes a second locking thread and a second lead thread including means for guiding a second female member;
- e) the first lead thread extends from the first end of the shaft;
- f) the second lead thread extends from the second end of the shaft;
- g) the first locking thread is located adjacent to the first lead thread and configured to structurally reform threads of a first female member; and
- h) the second locking thread is located adjacent to the second lead thread and configured to structurally reform threads of the second female member.

Claim 39 (New):

A male fastener according to claim 38, wherein at least one of the locking threads is provided with a root surface that is angled relative to the axis of the shaft.

Claim 40 (New):

A male fastener according to claim 38, wherein at least one of the locking threads is provided with a root surface that is at an angle between four and eight degrees relative to the axis of the shaft.

Claim 41 (New):

A male fastener according to claim 38, wherein at least one of the lead threads is located between a Vcc shaped thread and the second end of the male fastener.

Claim 42 (New):

A male fastener according to claim 38, wherein at least one of the lead threads is provided with a reduced diameter relative to a Vcc shaped thread.

Claim 43 (New):

A male fastener according to claim 38, wherein at least one of the lead threads is located adjacent to a plateau thread.

Claim 44 (New):

A male fastener according to claim 38, wherein the at least one of the lead threads is located adjacent to a plateau thread that is provided with a ramped cross-sectional profile.

Claim 45 (New):

A male fastener according to claim 38, wherein at least one of the locking threads is provided with a root surface that is at an angle between four and six degrees relative to the axis of the shaft.

Claim 46 (New):

A male fastener according to claim 38, further comprising a conical surface that is provided on the male fastener.

Claim 47 (New):

A male fastener according to claim 38, further comprising a conical surface and cylindrical surface that are provided on the male fastener.

Claim 48 (New):

A male fastener according to claim 38, wherein at least one of the locking threads is provided with a root surface that is at an angle between six and eight degrees relative to the axis of the shaft.

Claim 49 (New):

A male fastener according to claim 38, wherein:

- a) at least one of the female members is a nut body rotatable about the axis of the shaft that includes:
 - i) an annular surface on the nut body provided with a plurality of inclined faces oriented circumferentially forming portions of an undulating annular surface; and
 - ii) a washer body rotatable relative to the nut body and provided with a bearing surface and a clamping surface, wherein the clamping surface includes a plurality of protrusions and the bearing surface is axially opposed to the annular surface on the nut body and provided with a plurality of inclined faces oriented circumferentially and forming portions of an undulating bearing surface.

Claim 50 (New):

A stud, comprising:

- a) a shaft that includes an axis, a first end, and a second end;
- b) the shaft is provided with a first threaded surface and a second threaded surface;

- c) the first threaded surface includes a trilobular cross-sectional shape and a plurality of threads, including a first locking thread and a first curved thread;
- d) the second threaded surface includes a trilobular cross-sectional shape and a plurality of threads, including a second locking thread and a second curved thread;
- e) the first curved thread extends from the first end of the shaft;
- f) the second curved thread extends from the second end of the shaft;
- g) the first locking thread is configured to structurally reform threads of a first mating member; and
- h) the second locking thread is configured to structurally reform threads of a second mating member.

Claim 51 (New):

A stud according to claim 50, wherein at least one of the locking threads is provided with a root surface that is angled relative to the axis of the shaft.

Claim 52 (New):

A stud according to claim 50, wherein at least one of the locking threads is provided with a root surface that is at an angle between four and eight degrees relative to the axis of the shaft.

Claim 53 (New):

A stud according to claim 50, wherein at least one of the curved threads is located between a Vee shaped thread and the second end of the stud.

Claim 54 (New):

A stud according to claim 50, wherein at least one of the curved threads includes a curved surface located between a first side and a second side.

Claim 55 (New):

A stud according to claim 50, wherein at least one of the curved threads includes a curved surface located between a first side that is curved and a second side that is curved.

Claim 56 (New):

A stud according to claim 50, wherein at least one of the locking threads is provided with a root surface that is at an angle between four and six degrees relative to the axis of the shaft.

Claim 57 (New):

A stud according to claim 50, further comprising a conical surface that is provided on the stud.

Claim 58 (New):

A stud according to claim 50, further comprising a conical surface and cylindrical surface that are provided on the stud.

Claim 59 (New):

A stud according to claim 50, wherein at least one of the locking threads is provided with a root surface that is at an angle between six and eight degrees relative to the axis of the shaft.

Claim 60 (New):

A stud according to claim 50, wherein:

- a) at least one of the mating members is a nut body rotatable about the axis of the shaft that includes:
 - i) an annular surface on the nut body provided with a plurality of inclined faces oriented circumferentially forming portions of an undulating annular surface; and
 - ii) a washer body rotatable relative to the nut body and provided with a bearing surface and a clamping surface, wherein the clamping surface includes a plurality of protrusions and the bearing surface is axially opposed to the annular surface on the

nut body and provided with a plurality of inclined faces oriented circumferentially and forming portions of an undulating bearing surface.